

Discover Wisconsin's Great Lakes!

2009-2010 CALENDAR

Wisconsin Department of Natural Resources
Office of the Great Lakes



Discover Wisconsin's Great Lakes!



Photo by PHILLIP BILLINGS

The Great Lakes are one of the natural wonders of the world. Lakes Superior, Michigan, Huron, Erie and Ontario and their tributaries form the largest freshwater ecosystem on earth. Their watershed covers parts of eight states and two Canadian provinces.

Wisconsin is bordered to the north and east by two of these magnificent lakes. To the north, the pristine waters of Lake Superior form the largest expanse of freshwater in the world. To the east lies Lake Michigan, the largest freshwater lake entirely within the United States.

Wisconsin's Great Lakes are ecologically priceless, supporting diverse aquatic and near-shore habitats. Sand beaches, rocky shorelines, wetlands, and the world's largest freshwater dune system can all be found here. Each of these habitats—and its collection of plants and animals—is unique. Some are found nowhere else on earth.

Lakes Michigan and Superior also provide a huge economic benefit to Wisconsin. From manufacturing, shipping, and cooling water for energy production, to tourism and drinking water,



Photo by TIM SWEET

we rely heavily on these lakes. Each of these uses put stress on Lake Michigan and even on the more pristine Lake Superior. Polluted runoff and sediment from farm fields and cities, habitat loss, invasive species, toxic sediments, and climate change continue to threaten our Great Lakes.

With this in mind, Wisconsin DNR's Office of the Great Lakes is pleased to present our 2009-2010 *Discover Wisconsin's Great Lakes!* calendar. We hope this calendar will be a daily reminder of how magnificent Wisconsin's Great Lakes are and how we can all help protect them. The calendar is a collection of photos from our 2009 photo contest, poems submitted by Wisconsin authors, lake information, quotes, and some simple steps all of us can take to help protect these unique and vulnerable resources.

This year's photo contest brought in over 170 entries. The photos clearly show that the Great Lakes are among Wisconsin's most scenic and beloved natural resources.

Thank you to all 2009 photographers and authors!

Visit the Office of Great Lakes website to see more photos and writing submissions
<http://dnr.wi.gov/org/water/greatlakes/contest/>



Photo by KATHRYN H. LEDERHAUSE

COVER PHOTO: "Kite Festival on Neshoto Beach"
by NANCY GILL

BACKGROUND PHOTO ON THIS PAGE:
"After the Storm" by LARRY DICKERSON

Discover Wisconsin's Great Lakes!

2010 PHOTO CONTEST

Send us your best photos of Lake Michigan or Lake Superior. We're looking for beautiful shorelines, kids and adults enjoying the lakes, cultural and historic aspects of the lakes, and people involved in lake protection or restoration. Winning photos will be used in the 2010-2011 "Discover Wisconsin's Great Lakes" calendar and in other publications, presentations, websites and displays. Photo submission deadline is February 1, 2010. *Photos in all seasons are needed!*

Entry Categories *(limit three photo entries per individual):*

1. **People enjoying Wisconsin's Great Lakes.** Images of people fishing, canoeing, sailing, playing on the beach, etc.
2. **Natural features and wildlife.** Great Lakes shoreline, wetlands and tributaries, fish and other wildlife.
3. **Historic and cultural features.** Lighthouses, harbor towns, festivals, shipping, etc.
4. **Lake protection activities.** Storm drain stenciling, beach clean-ups, sturgeon guards, research, etc.

Rules:

1. The contest is open to anyone. Photos must be submitted electronically.
2. Attach each photo (jpeg format) to a separate e-mail.
3. In each e-mail, please include the photo title, where in Wisconsin the photo was taken, the entry category, your name, e-mail address, mailing address, and phone number(s).
Submit to: **DNRGreatLakesPhotoContest@wisconsin.gov**
4. Photos must be high resolution, horizontal in orientation, and taken in Wisconsin.
5. The Wisconsin DNR reserves the right to obtain an electronic or film copy of any image entered in the contest for non-commercial educational or promotional use with credit to the photographer. For example, photos may be used for displays, slide shows, videos, publications and website.

Judging:

Photos will be judged by a panel of Wisconsin DNR staff. Criteria for judging will include creativity, visual and technical merit, and composition.

Awards and Prizes:

Winning photographs will be included in the 2010-2011 "Discover Wisconsin's Great Lakes" calendar. Winning photographers will be contacted by mail, phone or e-mail and will receive the calendar by mail.

E-mail photos and entry information to:
DNRGreatLakesPhotoContest@wisconsin.gov

Great Lakes Writing Submissions

Is your talent writing, not photography? Send us your original Great Lakes quote, story, poem, song or rap. Help get the word out about how great Wisconsin's Great Lakes are. Share your favorite writings with us and you may find your words on our website, calendar, publications and displays! (All authors will be credited.)

E-mail writings to: **DNRGreatLakesWriting@wisconsin.gov**

Photo by CORRINE JONES



"The Great Lakes are the reason that you can look at a picture of Earth from space and find Wisconsin right away. They have shaped our history, our cities, our industry and our recreation. And, just as they have formed this region, they will continue to help determine our future."

— GOVERNOR JIM DOYLE



Photo by PHILLIP BILLINGS



"The Great Lakes are one of Wisconsin's most valuable natural resources. From their tributaries to their wetlands, beaches, dunes, rocky coastlines and open waters, Lake Michigan and Lake Superior are also among Wisconsin's most beautiful natural resources."

— MATT FRANK
DNR Secretary



Did you know?

Wisconsin's Great Lake shorelines and waters are managed and protected by the Coastal Zone Management Act of 1972. This act established the National Coastal Zone Management Program, which is a voluntary partnership between the federal government and coastal states and territories. The National Oceanic and Atmospheric Administration (NOAA) supports state coastal management programs in their shared mission to balance the complex demands of coastal resource uses, economic development, and conservation. The Wisconsin Coastal Management Program manages the ecological, economic and aesthetic assets of the Great Lakes and their coastal areas in coordination with state agencies, local and tribal governments, and non-profit organizations. For more information, please visit:

<http://coastalmanagement.noaa.gov>
www.coastal.wisconsin.gov





ABOVE: "Old Friends" by ERIC POGGEMANN
1st Place -- 2009 Great Lakes Photo Contest

Conserve Water Inside and Out

We can all help protect Wisconsin's Great Lakes by conserving water. Take shorter showers and use a low-flow showerhead. Turn off the water while brushing your teeth or scrubbing dishes. Install water-conserving toilets and washers if remodeling or building. Use a broom instead of a hose to clean driveways and sidewalks. Select landscaping plants that require less water (native plants are best). Place mulch around plants to conserve water. Water gardens early in the day and avoid over-watering lawns.

For more information, visit:
<http://www.epa.gov/watersense/>

The Great Lakes Compact keeps Great Lake water in the Great Lakes, ensuring that the use and enjoyment of this resource is available long into the future.

For more information, visit:
<http://www.dnr.state.wi.us/org/water/greatlakes/annex2001/>

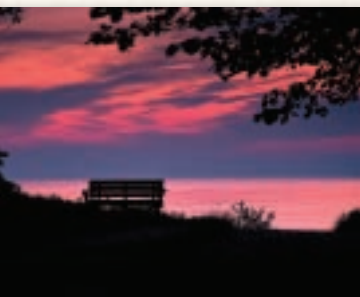


Photo by ERIC POGGEMANN

September 2009

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
AUGUST 2009 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	OCTOBER 2009 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	2	3	4	5
6	7 Labor Day	8	9	10	11 ○	12
13	14	15	16	17	18 ●	19
20	21	22 Fall Begins	23	24	25 Rosh Hashanah begins at sundown	26 ●
27 Yom Kippur begins at sundown	28	29	30	Photo by KATHRYN H. LEDERHAUSE		



ABOVE: "Any Moment Now"
by GERVASE THOMPSON
2nd Place – 2009 Great Lakes Photo Contest

October 2009

PBTs and Fish Advisories

The health benefits of eating fish are well known. In the past 30 years, contaminant levels have declined in Great Lakes fish and in individuals who eat Great Lakes fish and follow fish consumption advisories. Today, Great Lakes fish can be a significant part of a healthy diet.

For more information on fish advisories, visit:
<http://dnr.wi.gov/fish/consumption/>.

Chemicals in our water come from many sources including industries, energy production, businesses, vehicle exhaust, and household products. Some of these chemicals last a long time in the environment and can cause a wide range of health effects in fish, wildlife, and people when they accumulate in our bodies. Such chemicals are known as Persistent Bio-accumulative Toxins or PBTs. The chemicals of primary concern to people who eat Great Lakes fish are polychlorinated biphenyls (PCBs) and mercury. PBTs are the reason that Wisconsin and other states advise people to limit the number of meals they eat of some fish species.



Photo by JIM RAITEN

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
SEPTEMBER 2009 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	NOVEMBER 2009 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	Photo by GENE L. NIMMER		1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
	Columbus Day					
18	19	20	21	22	23	24
Clean Water Act signed in 1972						
25	26	27	28	29	30	31
						Halloween



ABOVE: "Solitude" by ERIC POGGEMAN
1st Place – 2009 Great Lakes Photo Contest

The Fresnel Lens – Beacon to Safe Harbors

The deep blast of the foghorn and bright beam of the Fresnel lens have led many weary sailors to a safe harbor. Invented by Augustin Fresnel (fray-nell) in France in 1822, the multi-prismed lens is able to produce a beam five times greater than earlier reflector systems. Fresnel Lenses were made in six sizes or "orders" and could be made to produce unique flashing patterns. Fresnel Lenses can still be seen in Wisconsin lighthouses and museums.

For more information visit:

http://www.uslhs.org/resources_lighthouse_lenses_data.php

A recording of extinct harbor sounds including the Kewaunee lighthouse foghorn is part of the Library of Congress National Recording Registry. The recording was made by Wisconsin recording artist, Jim Lipsky.

To learn more about this recording and hear a sample of the foghorn blast, visit:

<http://www.foghorncd.com>



Photo by LINDA GREIER

November 2009

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 Daylight Savings Time Ends	2	3	4	5	6	7
8	9	10 Sinking of the Edmund Fitzgerald in 1975	11 Veterans Day	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26 Thanksgiving Day	27	28
29	30				OCTOBER 2009 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	
					DECEMBER 2009 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	

Photo by ANGIE REICH



December 2009

Climate Change – A Looming Threat

Climate change could have profound effects on the Great Lakes. Higher air and water temperatures could reduce cold water habitat for fish such as trout and salmon. Less winter ice cover and higher summer temperatures could lead to increased evaporation and lower lake water levels. Low water levels could be a serious problem for wetlands, water quality, recreation and shipping. More frequent and severe storms are also likely. The resulting increased erosion and runoff could seriously threaten tributaries and near-shore habitat.

In April 2007, Governor Doyle created a Task Force on Global Warming to examine the effects of, and solutions to, climate change in Wisconsin.

For more information, visit:
<http://dnr.wi.gov/environment/protect/gtfgw>

For more information on climate change and what you can do, visit:
<http://www.epa.gov/climatechange/>

Visit EPA's climate change website for kids: <http://epa.gov/climatechange/kids/index.html>



Photo by GREG BEHLING

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
NOVEMBER 2009 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	JANUARY 2010 S M T W T F S 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	2	3	4	5
6	7	8 Great Lakes Compact enacted in 2008	9	10	11 Hanukkah begins at sundown	12 Great Lakes Restoration Strategy released in 2005
13 Great Lakes Compact signed by governors in 2005	14	15	16	17	18	19
20	21 Winter Begins	22	23	24	25 Christmas Day	26 Kwanzaa Begins
27	28	29	30	31 New Year's Eve		

Photo by SHIRLEY BIRR



January 2010

New Year's Resolution: Keep Chemical Products Out of Our Waters

In 2002, 80% of the streams sampled by the USGS in 30 states contained medicines, hormones, steroids and personal care products like soaps, perfumes and cosmetics. Most of these chemicals are not removed at the wastewater treatment plant and can end up in our rivers and lakes. The reproduction and development of frogs, salamanders and other water critters can be seriously affected by long-term exposure to these chemicals. We can all help keep these products out of our waterways by buying only what we need, using up the products when possible, and properly disposing of any remaining products to keep them out of the wastewater leaving our homes.

For more information on proper disposal, contact your local Clean Sweep program or visit:
<http://dnr.wi.gov/org/aw/wm/pharm/household.htm>

Remember to submit your best Great Lakes photos! See information on the first pages of this calendar. The deadline is **February 1, 2010**.



Photo by AMANDA R. DANFORTH

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>DECEMBER 2009</p> <p>S M T W T F S</p> <p>1 2 3 4 5</p> <p>6 7 8 9 10 11 12</p> <p>13 14 15 16 17 18 19</p> <p>20 21 22 23 24 25 26</p> <p>27 28 29 30 31</p>	<p>FEBRUARY 2010</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28</p>	<p>Photo by LISA BERENSCHOT</p>			<p>1</p> <p>New Year's Day</p>	<p>2</p>
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31						

Martin Luther King Day

Soo Locks close to ships



ABOVE: "Serenity" by ANNE GIBSON

February 2010

Plan a Great Lakes Adventure

Use these frozen February days to plan a Great Lakes adventure. Wisconsin's Great Lakes offer a wealth of lakeshore festivals, tours and other recreational opportunities. Kites, music, art, camping... check it out!

Festivals:

To find festivals on the shores of Wisconsin's Great Lakes, visit:

<http://tourism.state.wi.us>

Select "Events" and search by "festivals" and "Lake Superior" or "Lake Michigan."

State and National Parks:

<http://www.dnr.state.wi.us/org/land/parks/specific/findapark.html>

<http://www.nps.gov/apis/>

Wisconsin Great Lakes Circle Tour:

<http://aqua.wisc.edu/glct/>

Travel Green Information:

<http://www.travelgreenwisconsin.com/consumer/index.htm>



Photo by LINDA GEIER

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14 <div>Chinese New Year</div> <div>Valentine's Day</div>	15 <div>President's Day</div>	16	17	18	19	20																																																																																											
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28 <div>Photo by BREDE PETERSEN</div>					<div>JANUARY 2010</div> <table><tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr><tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr><tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr><tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr><tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr><tr><td>31</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	S	M	T	W	T	F	S						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							<div>MARCH 2010</div> <table><tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr><tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr><tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr><tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr><tr><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td></tr></table>	S	M	T	W	T	F	S		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
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ABOVE: "Cana Cove" by LISA BERENSCHOT

March 2010

Great Lakes, Great Wetlands

Waterfowl and other migratory birds will soon return to Wisconsin's wetlands. Besides offering stop-over points for birds that use the Great Lakes, wetlands provide important spawning habitat for many Great Lakes fish species. Wetlands near the Great Lakes and farther away in the watershed are also important for water quality protection and for groundwater recharge that contributes to Great Lakes tributaries.

Ephemeral ponds are an often-overlooked but important wetland type. These "vernal ponds" appear in the spring and typically dry up by mid-summer. Most have no water inlet or outlet and because of this, rarely have fish. With few predators, tadpoles and other larval amphibians can flourish. Wisconsin Ephemeral Pond Project volunteers work to map and build our understanding of these important ecosystems.

To find out more about WEPP and other volunteer monitoring opportunities, visit: <http://watermonitoring.uwex.edu/>

To learn more about Wisconsin's wetlands, visit: <http://dnr.wi.gov/wetlands/>

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14 <div>Daylight Savings Time Begins</div>	15 <div>St. Patrick's Day<div>●</div></div>	16	17	18	19	20 <div>Spring Begins</div>																																																																																			
21	22	23 <div>☾</div>	24	25 <div>Soo Locks open to ships</div>	26	27																																																																																			
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Photo by JIM RAITEN



April 2010

Reduce Polluted Runoff

Nonpoint source pollution (runoff) from farms and cities threatens Wisconsin's waters. We can help right at home:

- Leave grass clippings in place after mowing and test your soil before fertilizing lawns.
- Seed bare ground and cover with mulch to decrease erosion.
- Plant a rain garden and direct your downspouts toward it.
- Use rain barrels to collect water for lawns and gardens.
- Instead of fertilizing, add mulch or compost to perennial gardens each year.
- Maintain your septic system if you have one.
- Manage pet waste.

For more information, visit:
<http://clean-water.uwex.edu/pubs>
or <http://v2.mmsd.com/HowToHelp.aspx>



Photo by JOHN KREROWICZ

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		<div>Photo by DR. JOHN E. BURGESS</div> <div>MARCH 2010</div> <table><tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr><tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr><tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr><tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr><tr><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td></tr></table>		S	M	T	W	T	F	S		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				<div>MAY 2010</div> <table><tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td></tr><tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr><tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr><tr><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td></tr><tr><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td></tr><tr><td>30</td><td>31</td><td></td><td></td><td></td><td></td><td></td></tr></table>		S	M	T	W	T	F	S							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						1 April Fool's Day	2 Good Friday	3
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4 Easter Sunday	5	6 <div>☾</div>	7 <div>●</div>	8	9	10																																																																																													
11	12	13	14 <div>●</div>	15	16	17																																																																																													
18 <div>☾</div>	19	20	21	22 Earth Day	23	24																																																																																													
25 Arbor Day <div>○</div>	26	27	28	29	30	<div>Photo by CYNTHIA BOELK</div> 																																																																																													

Photo by DR. JOHN E. BURGESS

Photo by CYNTHIA BOELK



ABOVE: "A Good Day for Fishing"
by CHRISTINE BECKER

Superior Memories

— by CATHERINE A. KHALAR

Darkness comes as everything stills,

*Accenting the moon, just over
the hills.*

*A falling star heading earthward
bound,*

*Is a messenger from heaven,
moving swiftly without a sound.*

*Sleep all you dreamers and not
let any sound make,*

*Because Lake Superior dreams
become memories as soon as
you awake.*



Photo by GERVASE THOMPSON

May 2010

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	APRIL 2010 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30		JUNE 2010 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30			1
	2	3	4	5 Cinco de Mayo	6 ☾	8
9 Mother's Day	10	11	12	13 ●	14	15
16	17	18	19	20 ☾	21	22
23	24	25	26	27	28	29
30	31 Memorial Day	Great Lakes Compact enacted in Wisconsin in 2008		○		



June 2010

Protect Wisconsin's Beaches

Wisconsin is blessed with miles of beautiful beaches that all of us can enjoy and help protect.

When you visit the beach:

- Properly dispose of all litter, diapers and pet waste.
- Take along an extra bag and do a little beach clean up.
- Don't feed gulls or waterfowl.
- Stay out of the water if you are ill.
- Change diapers and put plastic/rubber pants or swim diapers on babies and toddlers before allowing them in the water.

When you are at home:

- Don't dump anything down the storm drains.
- Avoid using fertilizers and pesticides on your yard, or use only where needed.

With a little bit of effort from everyone, we can keep our beaches open and healthy for swimming.

For more information or to check for open beaches, visit:
<http://dnr.wi.gov/org/water/wm/wqs/beaches/>



Photo by CATHERINE A. KHALAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
MAY 2010 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	JULY 2010 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Photo by MERLIN H. HORN



July 2010

Stop Aquatic Invasive Species

More than 180 species of plants, plankton, fish and pathogens have been introduced to the Great Lakes from as far away as Europe and Asia. Keep aquatic invasive species out of the lakes or prevent them from spreading by taking these simple steps:

- Remove all plants, animals and debris from boats and trailers before leaving the landing.
- Drain all water from boats and equipment and avoid moving live fish.
- If possible, rinse boats with a high-pressure sprayer or dry for 5 days between uses.
- Keep garden plants and aquarium creatures at home—never release them into lakes or streams.
- Get the word out! Let friends and neighbors know how they can protect Wisconsin's waters from invasive species.

For more information, visit:
http://dnr.wi.gov/invasives/action_water.htm

Aquatic Invasive Species songs:
<http://www.uwex.edu/erc/music/>



Photo by KAITLIN FLEMING

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
 Photo by TIM SWEET	JUNE 2010 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30		AUGUST 2010 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31		1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						



August 2010

Fall Yard Care

Manage leaves and yard trimmings to protect Wisconsin's lakes and streams.

- Shred leaves and chip branches and use them as mulch in gardens.
- Compost excess leaves and plant-based food scraps.
- If you do put leaves on the curb, try to do so just before collection and keep them out of street-side gutters and ditches.

For more information, see "Home and Garden Clean Water Practices" publications at <http://clean-water.uwex.edu/pubs>



Photo by JAMES CHRISTOPOULOS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5 Wisconsin State Fair Begins PICK UP YOUR 2011 GREAT LAKES CALENDAR! August 5–15	6	7
8	9	10	11 First of Ramadan	12	13	14
15 Wisconsin State Fair Ends	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	JULY 2010 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31		SEPTEMBER 2010 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	

Photo by BRENDA KRATCHMER







ABOVE: "Fish Tugs" by **ROBERT E. ROLLEY**
2nd Place – 2009 Great Lakes Photo Contest

Fish Tugs

During the late 1800s, "fish tugs" became the commercial fishing vessel of the Great Lakes on both the U.S. and Canadian sides. Larger and stronger than open skiffs, these converted wooden tugs offered fishermen shelter from the Lakes' challenging environment. The tugs could withstand rough weather and their net lifters could bring up a large catch. Steel-hulled tugs of similar design remain a mainstay of commercial fishing in the Great Lakes.

Since the 1950s factors such as overfishing, pollution, shoreline and stream habitat destruction, and aquatic invasive species have altered Great Lakes fish communities, leading to declines in commercial fishing in most places. Actions by the DNR as well as local organizations and government agencies limiting pollution, protecting fish populations from over exploitation, and controlling sea lamprey and alewives have allowed commercial fishing to survive and sport fishing to prosper.

For more information on historic fish tugs, visit:
<http://www.northeasternmaritime.org/Jane.shtml>



Photo by **SHIRLEY BIRR**

October 2010

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		SEPTEMBER 2010 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	NOVEMBER 2010 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30		1	2
3	4	5	6	7	8	9
10	11 Columbus Day	12	13	14	15	16
17	18 Clean Water Act signed in 1972	19	20	21	22	23
24	25	26	27	28	29	30
31 Halloween						



November 2010

Beacon

— by JENNIFER L. BIRKHOLZ

*In darkness and gloom
waves crash all around,
a sight beyond our bow
and a far distance to reach,
there —
a light in the sky,
our beacon to guide us
through rain and fog,
listen —
the sound of a horn
helping us find our way,
a pier,
a house,
our home,
we're safe now.*



Photo by MICHAEL BRODD

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
 Photo by CHUCK GERMAIN	1	2	3	4	5	6
7 Daylight Savings Time Ends	8	9	10 Sinking of the Edmund Fitzgerald in 1975	11 Veterans Day	12	13
14	15	16	17	18	19	20
21 ○	22	23	24	25 Thanksgiving Day	26	27
28 ●	29	30	 Photo by TERRI MOORE		OCTOBER 2010 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	DECEMBER 2010 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31



WELCOME TO
La Pointe
1884

STOP

ABOVE: "Welcome to La Pointe"
by LINDA GEIER

Reduce Your Carbon Footprint

The average person produces over 100 lbs of CO2 each day, contributing to climate change. Take these simple steps to decrease your "carbon footprint:"

- Ride your bike, walk, car pool or use public transportation.
- Keep your car tuned up and tires properly inflated.
- Use compact fluorescent bulbs in your home and turn lights and electronics off when you're not using them.
- In the day, set your computer to sleep; at night, shut it down.
- Have an energy audit done for your house to make it more comfortable and more efficient.

To calculate your carbon footprint and for more ideas, visit:

<http://epa.gov/climatechange/wycd/index.html>

Visit EPA's climate change website for kids: <http://epa.gov/climatechange/kids/index.html>

Photo by GENE L. NIMMER

December 2010

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	NOVEMBER 2010 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 Photo by GREG BEHLING	JANUARY 2011 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 Hanukkah begins at sundown	2	3	4
5	6	7	8 Great Lakes Compact enacted in 2008	9	10	11
12 Great Lakes Restoration Strategy released in 2005	13 Great Lakes Compact signed by governors in 2005	14	15	16	17	18
19	20	21 Winter Begins	22	23	24	25 Christmas Day
26 Kwanzaa Begins	27	28	29	30	31 New Year's Eve	

Photo by BREDE PETERSEN

For more information, visit: <http://dnr.wi.gov/org/water/greatlakes>



Photo by ANGIE REICH

"The ultimate test of a man's conscience may be his willingness to sacrifice something today for future generations whose words of thanks will not be heard."

GAYLORD NELSON

former governor of Wisconsin
and co-founder of Earth Day



Wisconsin Department of Natural Resources

Office of the Great Lakes, 101 S. Webster, Madison, WI 53707-7921

<http://dnr.wi.gov/org/water/greatlakes>

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